



BOROUGH OF MORLEY,

ANNUAL REPORT

OF THE

Medical Officer of Health

FOR THE

YEAR ENDED DECEMBER 31st, 1939.



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BOROUGH OF MORLEY.

MEMBERS OF THE HEALTH COMMITTEE.

The Mayor (Councillor Dennis Moss).

Chairman—Councillor J. Askey J.P.

Deputy-Chairman—Councillor Mrs. Fraser.

Aldermen:—

A. Booth.	E. Marsden.
H. Smith.	A. Wilson.

Councillors:—

E. Barrowclough, J.P.	J. Dews.
B. Hall.	W. Hepworth.
H. Marwood.	T. Redick.
R. Stead.	M. M. Watson.
S. Wigoder, M.A., M.D.	

Maternity and Child Welfare Sub-Committee:—

The Members of the Health Committee.

The Mayoress (Mrs. Dennis Moss).

Mrs. Wilson.	Mrs. J. Askey.
Mrs. Humphries.	

Morley Hall Maternity Home—House Sub-Committee:—

The Chairman and Deputy-Chairman of the Health Committee.

The Lady Members of the Maternity and Child Welfare Sub-Committee.

Mrs. J. Dews.	Mrs. T. Redick.
Mrs. S. Rushforth.	Mrs. S. Wigoder

JOINT MEDICAL SERVICES COMMITTEE.

Seven members of the Public Health Committee together with seven members of the Education Committee.

The Mayor (Councillor Dennis Moss).

Chairman—Alderman A. Booth.

Deputy-Chairman—Councillor R. Stead.

Aldermen:—

D. Dickinson.	A. Longbottom
	H. Smith.

Councillors:—

J. Askey.	E. Barrowclough.
Mrs. Fraser.	J. Howarth.
T. Redick.	J. Rhodes.
J. Walsh.	J. S. R. Whitling.

The Mayoress (Mrs. Dennis Moss).

PUBLIC HEALTH DEPARTMENT STAFF.

Medical Officer of Health, Medical Superintendent of the Isolation Hospitals and of the Maternity Home:—

Frederick G. E. Hill, D.S.O., M.B., Ch.B., D.P.H.

Deputy Medical Officer of Health (part-time):—

W. T. Clarke, M.R.C.S., L.R.C.P.

Dental Surgeon:—

E. A. Rogerson, L.D.S.

Senior Sanitary Inspector:—

Frederick J. R. Batten, M.R.San.Inst., M.S.I.A.

Sanitary Inspectors:—

Harold N. Roberts.

x Frank G. Sugden, M.R.San.Inst., M.S.I.A.

x William A. Beere, M.R.San.Inst., M.S.I.A.

Matron, Bruntcliffe and Grange Isolation Hospitals:—

† Miss E. Reid.

Matron, Morley Hall Maternity Home:—

*† Miss P. Duerden.

Health Visitors:—

* Miss Edith Maxwell, A.R.San.Inst.

†* Miss Sarah Chapman.

†* Mrs. O. Hardwick.

†* Miss E. Winch.

Clerks:—

x Ernest Myers.

Miss M. Burland.

Miss Kathleen Lamb.

Clerks, Temporary Staff:—

Ronald Crabtree.

Miss M. Harrison.

x At present serving with H.M. Forces.

† State Registered Nurse.

* C.M.B. Certificate.

EXTRACT FROM VITAL STATISTICS FOR THE
Year, 1939.

Resident Population:— (a) 39,210
(b) 39,140

Comparability Factor ... 1.06

Live Births:—

	Males.	Females.	Total.
Legitimate	252	267	519
Illegitimate	7	12	19
	—	—	—
	259	279	538
	—	—	—

Birth-rate (Registrar-General) ... 13.72

Live Births:—I.M., Etc.

	Males.	Females.	Total.
Legitimate	253	267	520
Illegitimate	7	12	19
	—	—	—
	260	279	539
	—	—	—

Still Births:

	Males.	Females.	Total.
Legitimate	13	14	27
Illegitimate	1	1	2
	—	—	—
	14	15	29
	—	—	—

Rate per thousand (Live and Still) Births ... 53.8

Deaths:—

	Males.	Females.	Total.
	269	237	506

Death-rate (Registrar-General) ... 12.92

Deaths from Puerperal Causes (Heading 29 and 30 of the
Registrar-General's Short List):—

No. 29—Puerperal Sepsis 0

Rate per 1,000 Total (Live and Still Births) ... 0.0

No. 30—Other Puerperal Causes 3

Rate per 1,000 Total (Live and Still Births) ... 5.5

Total Deaths 3

Maternal Death-Rate (per 1,000 Live and Still Births) ... 5.5

Deaths of Infants under One Year:—

	Males.	Females.	Total.
Legitimate	16	8	24
Illegitimate	0	1	1
	—	—	—
	16	9	25
	—	—	—

Infantile Mortality Rate:—

All Infants per 1,000 live births	46.3
Legitimate Infants per 1,000 legitimate live births...	46.1
Illegitimate Infants per 1,000 illegitimate live births	83.3
Deaths from Cancer (all ages)	63
Deaths from Measles (all ages)	0
Deaths from Whooping Cough (all ages)	2
Deaths from Diarrhoea (all ages)	3
Deaths from Scarlet Fever (all ages)	0
Deaths from Diphtheria (all ages)	1
 Death-rate—Pulmonary Tuberculosis	0.43
Do. Other forms of Tuberculosis	0.20
Do. Diarrhoea (under 2 years)	0.05
Do. Cancer	1.6
Do. Measles	0.00
Do. Whooping Cough	0.05
Do. Scarlet Fever	0.00
Do. Diphtheria	0.02
Do. Pneumonia, Bronchitis	1.02
 No. of cases notified as Scarlet Fever	127
.. Diphtheria	25
.. Enteric Fever	0
.. Pulmonary Tuberculosis	23
.. Other forms of	10
.. Pneumonia	28
.. Erysipelas	12
.. Puerperal Pyrexia	2

ANNUAL REPORT OF THE MEDICAL OFFICER
OF HEALTH FOR THE YEAR ENDED
DECEMBER 31st, 1939.

To the Chairman and Members of the Health Committee.

I have the honour to present to you the Medical Officer's Report for the year ended December 31st, 1939.

The Report has been considerably curtailed in accordance with the instructions of the Ministry of Health and is largely a statistical Report.

I have the honour to be,

Your obedient servant,

FREDERICK G. E. HILL,
Medical Officer of Health.

INTRODUCTORY.

The Annual Report for 1939 is an abridged Report and is a summary of the Health and Sanitary Services for that year.

The outbreak of war in the autumn of 1939 necessitated modification of the work of the Health Department.

No loss of staff was experienced up to the end of 1939. Additional duties were imposed on the Department, chiefly in relation to Air Raid Precautions and Civil Defence Services. On the other hand, postponement of work under the Housing Acts dated from the early days of the war. Otherwise, up to the end of 1939, the work of the Health Department proceeded with little alteration.

Representations were made in 1939 for the clearance of further areas of dwelling-houses, areas 50 to 85 inclusive numbers. 301 dwelling-houses were included in these representations, and 827 persons were recorded as occupying these houses.

The Ministry of Health ordered an inquiry to be held in September, 1939, but, before the date on which the inquiry was to be held, a notice of postponement of work under the Housing Acts was received from the Ministry, the inquiry was not held and the Clearance Orders were not confirmed.

The provision of new Council Houses was similarly the subject of a postponement order, although work to the completion of certain estates has continued.

STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

General Statistics, 1939 :—

Area	9,529 acres
Population (1931 census)	39,722
Population (Registrar-General, Mid 1939) ... (a)	39,210
	(b) 39,140
Number of inhabited houses (1931 census)	11,008
Number of inhabited houses (end of 1939, according to rate books)	13,023
Number of families or separate occupiers (1931 census)	11,092
Rateable value	£177,528
Sum represented by a Penny Rate	£645

(a) LABORATORY FACILITIES.

Public Health Laboratory, West Riding County Council Wakefield.

Samples submitted :—

Swabs—Examination for B. Diphtheria	108
Swabs—Examination of Haemolytic Streptococcus ...	34
Swabs—Combined examination (B. Diphtheria and Haemolytic Strep.)	110
Hairs—Examination for Ringworm	2
Milk samples submitted for bacteriological examination from this Department	131
Water samples	52
Bath Water samples	13
Water samples submitted for examination under arrangements made by the Waterworks Committee, Laboratory of Messrs. H. T. Lea and Mallinder, Halifax	134

(b) AMBULANCE FACILITIES.

- (1) General Accident and Sickness.
- (2) Maternity Cases.
- (3) Infectious Cases.

No change from the arrangement described in Annual Report for 1938.

(c) NURSING IN THE HOME.

The arrangements previously described continue without change.

This Local Authority made grants in 1939 as follows:—

	£	s.	d.
Morley Nursing Association	15	0	0
West Ardsley Nursing Association	5	0	0
Thorpe and Ardsley Nursing Association ...	5	0	0
Drighlington Nursing Association	5	0	0
	<hr/>		
	£30	0	0
	<hr/>		

TREATMENT CENTRES AND CLINICS, INCLUDING CLINICS SOLELY FOR DIAGNOSIS OR CONSULTATION.

Infant Welfare Centres are held as follows:—

Morley and Churwell Wards:—

Infant Welfare Centre—The Town Hall, Morley. Monday afternoons in each week from 2-30 p.m. to 5-0 p.m.

Toddlers' Clinic—The Town Hall, Morley. Wednesday afternoons in each week from 2-30 p.m. to 5-0 p.m.

East Ardsley Ward:—

Infant and Toddlers' Welfare Clinic—Methodist Chapel Schoolroom. Tuesday afternoon in each week from 2-30 p.m. to 5-0 p.m.

West Ardsley Ward:—

Infant and Toddlers' Welfare Clinic—No. 1, Syke Lane, West Ardsley. Thursday afternoon in each week from 2-30 p.m. to 5-0 p.m.

Drighlington Ward:—

Infant and Toddlers' Welfare Clinic—Wesleyan Methodist Schoolroom. Friday afternoon in each week from 2-30 p.m. to 5-0 p.m.

Gildersome Ward:—

Infant and Toddlers' Welfare Clinic—Council Offices, Gildersome. Wednesday afternoon in each week from 2-30 p.m. to 5-0 p.m.

Total number of Centres provided and maintained by the Council 6

Total attendances at all Centres during the year:—

(1) By children under 1 year of age 8015
 (2) By children between the ages of 1 and 5 years... 5360

Total number of children who first attended at the Centres during the year and who, on the date of their first attendance were:—

(1) Under 1 year of age 437
 (2) Between the ages of 1 and 5 years 79

Total number of children first attending at the Centres during 1939 and who, at the end of the year, were under 1 year of age 340

Percentage of total notified live births, 1939, represented by this figure 63.3

Statistics in respect of the various Infant Welfare Centres are given below:—

Morley Infant Welfare.

Total attendances, 1939:—

(1) Children under 1 year	3778	
(2) Children between the ages of 1 and 5 years	118	
Total		3896

Average attendance per session	82
--------------------------------------	----

Children attending for the first time in 1939 and at the date of their first attendance were:—

(1) Under 1 year of age	151
(2) Between the ages of 1 and 5 years	5
	156

Morley Toddlers' Clinic.

Total attendances, 1939:—

(1) Children under 1 year	44
(2) Children between the ages of 1 and 5 years	2240
	2284
Average attendance per session	57

Children attending for the first time in 1939 and at the date of their first attendance were:—

(1) under 1 year of age	1
(2) Between the ages of 1 and 5 years	0
	1

East Ardsley Infant Welfare.

Total attendances, 1939:—

(1) Children under 1 year	1256
(2) Children between the ages of 1 and 5 years	820
	2076
Average attendance per session	43

Children attending for the first time in 1939 and at the date of their first attendance were:—

(1) Under 1 year	75
(2) Between the ages of 1 and 5 years	1
	76

West Ardsley Infant Welfare.

Total attendances, 1939:—

(1) Children under 1 year	1142
(2) Children between the ages of 1 and 5 years	694
	—
Total	1836

Average attendance per session 36

Children attending for the first time in 1939 and
at the date of their first attendance were:—

(1) Under 1 year of age	78
(2) Between the ages of 1 and 5 years	5
	—
Total	83

Drighlington Infant Welfare.

Total attendances, 1939:—

(1) Children under 1 year	933
(2) Children between the ages of 1 and 5 years	927
	—
Total	1860

Average attendance per session 38

Children attending for the first time in 1939 and
at the date of their first attendance were:—

(1) Under 1 year of age	65
(2) Between the ages of 1 and 5 years	39
	—
Total	104

Gildersome Infant Welfare.

Total attendances, 1939 :—

(1) Children under 1 year	862
(2) Children between the ages of 1 and 5 years	561
	1423

Average attendance per session 29

Children attending for the first time in 1939 and
at the date of their first attendance were :—

(1) Under 1 year of age	67
(2) Between the ages of 1 and 5 years	29
	96

A statement of the sales and free and half-price issues of
Dried Milk, etc., is given below :—

Infants and Children under 5 years of age.

Sales at full cost :—

Ambrosia Dried Milk	4342	one lb. packets
Cow and Gate Dried Milk	8	one lb. packets
Lactogen Dried Milk	1593	one lb. packets
Chocolate Dried Milk	423	half lb. packets
Virol	2725	four oz. cartons
Virolax	681	four oz. cartons
Maltoline	605	half lb. tins
Cod Liver Oil	876	six oz. bottles
Glucose	1094	four oz. cartons

Sales at half cost :—

Ambrosia Dried Milk	1806	one lb. packets
Cow and Gate Dried Milk	7	one lb. packets
Lactogen Dried Milk	61	one lb. packets
Chocolate Dried Milk	18	half lb. packets
Virol	304	four oz. cartons
Virolax	57	four oz. cartons
Maltoline	32	half lb. tins
Cod Liver Oil	64	six oz. bottles
Glucose	32	four oz. cartons

Free issues:—

Ambrosia Dried Milk	4634	one lb. packets
Cow and Gate Dried Milk	24	one lb. packets
Lactogen Dried Milk	745	one lb. packets
Chocolate Dried Milk	340	half lb. packets
Virol	2567	four oz. cartons
Virolax	591	four oz. cartons
Maltoline	835	half lb. tins
Cod Liver Oil	1603	six oz. bottles
Glucose	267	four oz. cartons

Expectant and Nursing Mothers.

Sales at full cost:—None.

Sales at half cost:—

Ambrosia Dried Milk	17	one lb. packets
Chocolate Dried Milk	33	half lb. packets
Virol	7	four oz. cartons
Maltoline	3	half lb. tins

Free issues:—

Ambrosia Dried Milk	647	one lb. packets
Cow and Gate Dried Milk	9	one lb. packets
Chocolate Dried Milk	272	half lb. packets
Virol	270	four oz. cartons
Virolax	9	four oz. cartons
Maltoline	57	half lb. tins
Cod Liver Oil	8	six oz. bottles

£ s. d.

Total expenditure by Local Authority on Milk,

Dried Milk, Virol, etc.	1216	9	4 $\frac{3}{4}$
Receipts from Sales at full price and half price...	650	12	2

Nett Cost to Local Authority	£565	17	2 $\frac{3}{4}$
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ANTE-NATAL AND POST-NATAL CLINICS.

Ante-natal and post-natal clinics are held as follows:—

Morley Hall Maternity Home.

Ante-natal clinic—Each Monday from 4-0 p.m. to 7-30 p.m.

Post-natal clinic—Friday afternoons, 3-0 p.m. onwards.

Morley District Clinic.

This clinic is held in the School Clinic premises, Commercial Street, Morley, and serves the Morley (old Borough) and Churwell Areas.

Combined ante-natal and post-natal clinic—Each Wednesday evening from 6-0 p.m. onwards.

West Ardsley District Clinic.

This clinic is held in the School Clinic premises, No. 1, Syke Lane, West Ardsley, and serves the West and and East Ardsley Wards.

Combined ante-natal and post-natal clinic—The first and third Thursdays in each month from 6-0 p.m. onwards.

Drighlington Clinic.

This clinic is held in the Methodist Schoolroom, Drighlington, and serves the Drighlington and Gildersome Wards.

Combined ante-natal and post-natal clinic—The second and fourth Thursdays in each month from 6-0 p.m. onwards.

Attendances at the ante-natal and post-natal clinics are shown below:—

Morley Hall Ante-natal Clinic:—

First attendances	187
Total attendances	1275
Average attendance per session	26

Morley District Ante-natal Clinic:—

First attendances	91
Total attendances	277
Average attendance per session	5.3

West Ardsley Ante-natal Clinic:—

First attendances	60
Total attendances	142
Average attendance per session	5.9

Drighlington Ante-natal Clinic:—

First attendances	32
Total attendances	80
Average attendance per session	3.3

All Ante-natal Clinics (shown above):—

First attendances	370
Total attendances	1774
Average attendance per session	11.9

Percentage of total notified births (live and still) represented by the number of women attending the clinics during 1939 66.5%

Morley Hall Post-natal Clinic:—

Patients attended	64
Other Post-natal Clinics:—	—

Patients attended	22
Other Post-natal Clinics:—	—
Patients attended	86
Total, all clinics	—

Arrangements have been made for Specialist Consultations, either by arranging a session at the Leeds Maternity Hospital or by individual appointments with Specialists.

During 1939, 12 consultations were arranged in Leeds and 3 consultations were arranged in Morley (2 for District Patients and 1 for a Morley Hall Maternity Home Patient).

SCHOOL CLINICS.

These treatment and inspection clinics, including minor ail-
ment, dental and refraction clinics, are available for all under-
school-age children.

Morley Central Clinic, Commercial Street, Morley.

(Minor ailment clinic, inspection clinic, dental clinic, and refraction clinic).

Sessions: Morning and afternoon, Monday to Friday, and Saturday morning.

Churwell Clinic, Churwell School.

(Minor ailments).

Sessions: Each Friday from 2-0 to 4-0 p.m.

West Ardsley Clinic, No. 1, Syke Lane, West Ardsley.

(Minor ailments).

Sessions: Monday, Wednesday and Thursday from 1-30 to 2-30 p.m.

East Ardsley Clinic, Methodist Schoolroom, East Ardsley.

(Minor ailments).

Sessions: Tuesday and Friday from 1-30 to 2-30 p.m., and Saturday from 9-0 to 10-0 a.m.

Drighlington Clinic, Wesleyan Chapel Schoolroom, Drighlington.

(Minor ailments).

Sessions: Tuesday, Thursday and Friday from 1-30 to 2-30 p.m.

Gildersome Clinic, Council Offices, Gildersome.

(Minor ailments).

Sessions: Monday and Wednesday from 1-30 to 2-30 p.m. and Saturday from 9-0 to 10-0 a.m.

Consultant Eye Clinic (recent provision).

Held at Morley Central Clinic, Commercial Street, Morley. Approximately one half-day session per month.

Consultant Ophthalmic Surgeon—

Mr. Walter Kiep, M.B., Ch.B., D.O.

Consultant Aural Clinic (recent provision).

Held at Morley Central Clinic, Commercial Street, Morley.

Approximately one half-day session per month.

Consultant Aural Surgeon—

Mr. William Appleyard, M.B., B.S., F.R.C.S.

Dental Clinic: Central Clinic, Comercial Street, Morley.

No. of individual children inspected	47
No. of individual children referred for treatment	45
No. of individual children treated	41
No. of temporary teeth extracted	122
No. of permanent teeth extracted	0
No. of general anaesthetics administered	43

— No fillings or other operations.

Summary of Clinic Attendances, 1939:—

Morley Central Clinic	11,761
Churwell Clinic	1,090
East Ardsley Clinic	617
West Ardsley Clinic	605
Gildersome Clinic	1,494
Drighlington Clinic	1,199
	16,766

Tuberculosis Dispensary	}	See under previous Annual Reports
Venereal Diseases Clinic		
Isolation Hospitals		
Maternity Homes and Hospitals		
General Hospitals		

MATERNITY AND MIDWIFERY SERVICE.

Lying-in Accommodation.

Morley Hall Maternity Home. See previous Annual Reports.

Annual statistics relating to Morley Hall Maternity Home:—

(1) Name and address of Institution—	Morley Hall Maternity Home	
(2) Number of Lying-in Beds ...	8 lying-in; 1 isolation bed	
(3) Number of ante-natal beds	None, specially provided. Spare accommodation used when available.	
(4) Number of maternity cases admitted during 1939...	166	
(5) Number of women treated in 1939 in the beds shown under item (3) above	5	
(6) Average duration of stay in Institution (patients shown under item (4))	14.2 days	
(7) Number of cases delivered by—		
(a) Midwives	154	
(b) Doctors	10	
(8) Number of cases in which Medical Assistance was sought by a midwife—		
(a) Ante-natal period	18	
(b) During labour	56	
(c) After labour	3	
(d) For the infant	11	
Total	88	
(9) Number of cases notified as—		
(a) Puerperal fever	0	
(b) Puerperal pyrexia	0	
(10) Number of cases of pemphigus neonatorum	0	
(11) Number of cases of ophthalmia neonatorum	0	
(12) Number of cases of slight inflammation of the eyes	0	
(13) Number of maternal deaths	0	
(14) Number of infant deaths—		
(a) Still born	9	
(b) Within ten days of birth	2	
Total	11	

(15) Number of cases attended by a Consultant—		
(a) Infants .....	.....	2
(b) Mothers .....	.....	5
(16) Number of major operations undertaken—		
(a) By Consulting Surgeon .....	.....	*2
(17) Number of minor operations undertaken—		
(a) By Consulting Surgeon .....	.....	1
(b) By Medical Practitioners .....	.....	6

* Caesarean Section.

Admissions to Morley Hall in past 7 years:—

1933	179	cases
1934	180	„
1935	184	„
1936	205	„
1937	181	„
1938	192	„
1939	166	„

The distribution of admissions throughout the year is shown as follows:—

	Admissions.	Provided Bed-days.	Actual Bed-days.
January	4	248	141
February	12	224	78
March	14	248	258
April	15	240	168
May	18	248	306
June	18	240	217
July	17	248	270
August	9	248	124
September ...	12	240	133
October	15	248	255
November ...	19	240	219
December	13	248	188

Other Lying-in Accommodation, 1939.

Statement of patients admitted to Lying-in Institutions under arrangements made by the Local Authority, 1939.

Leeds Maternity Hospital:—

Emergency cases admitted	44
Booked cases admitted	13
	—
Total	57
	—

West Riding County Hospital, Staincliffe:—

Emergency cases admitted	4
Booked cases admitted	13
	—
Total	17
	—

Wakefield Maternity Home:—

Emergency cases admitted	0
Booked cases admitted	1
	—
Total	1
	—

Morley Hall Maternity Home:—

Emergency cases admitted	1
Booked cases admitted	165
	—
Total	166
	—

All Lying-in Institutions:—

Emergency cases admitted	49
Booked cases admitted	192
	—
Total	241
	—

DISTRICT MIDWIFERY.

Six midwives provided by the West Riding County Council carry out their duties in accordance with the County Scheme, but work under the general direction of the Medical Officer of Health of Morley.

MATERNITY—SPECIALIST SERVICE.

The services of a Consulting Surgeon are available for any patient requiring this assistance. (See previous reports). No recovery of fees is made for Specialist Services.

Summary of Specialist Service, 1939—

Number of patients referred to Consultant (includes cases in Morley Hall and District cases)	18
Consultations	15
Minor operations	1
Major operations	2*

(* In each case Caesarean Section)

No patient was referred for a special X-Ray examination in 1939.

Costs of Specialist Services, Maternity—

	£	s.	d.
Total cost incurred	84	0	0
Cost recovered from patients	1	1	0
Nett cost to Local Authority	£82	19	0

The Local Authority decided in 1939 (April) not to recover fees from patients for Specialist Services where application had been made to the Medical Officer of Health for such services by a Medical Practitioner, and the Medical Officer of Health had given approval.

DENTAL TREATMENT FOR EXPECTANT AND NURSING MOTHERS.

The Dental Scheme is fully described in the Annual Report for 1938.

Statement of Dental Treatment, 1939—

Number of Expectant and Nursing Mothers referred to the Dental Surgeon by the Medical Officer	66
Number found to require Dental Treatment...	65
Number actually treated in 1939 (includes patients referred in 1938)	28

Statement of treatments given—

(a) Fillings (teeth)	6
(b) Extractions (teeth)	237
(c) Administration of general anaesthetics...	13
(d) No. of patients supplied with dentures ...	13

	£	s.	d.
Estimated cost of Dental Treatment ...	85	4	6
Estimated recovery from patients ...	14	15	6
Estimated nett cost	£70	9	0

PUERPERAL FEVER AND PYREXIA.

2 cases notified in 1939.

(1 patient was admitted to Hospital).

Deaths from Puerperal Infection—None.

HOME HELPS.

Provided for Maternity Cases only.

Number of patients for whom Home Helps were provided in 1939	33
	£
Total cost of this provision	145
Amount recovered from patients	26 19 10
	5 0
	26 19 10
	118 5 2

MATERNITY OUTFITS.

Provided for Maternity Cases remaining at home.

Statement for 1939—

Outfits issued free	65
Outfits issued at cost price	30
Total	95

	£	s.	d.
Total cost of outfits provided	23	15	0
Costs charged to patients	7	10	0
			—
Nett cost to Local Authority ...	£16	5	0
			—

INSTITUTIONAL PROVISION FOR MOTHERS AND CHILDREN.

No change.

HEALTH VISITORS.

Provision as previously described.

Summary of Health Visitors' Work, 1939—

Visits:—

(1) To expectant mothers—			
(a) First visits	428		
(b) Total visits	830		
(2) To children under 1 year of age—			
(a) First visits	556		
(b) Total visits	2606		
(3) To children between the ages of 1 and 5 years—			
(a) Total visits	3820		
			—
Total Visits	7256		
			—

CHILD LIFE PROTECTION.

(a) No. of persons on Register, receiving children for reward, end of 1939	3
(b) 1—No. of children registered under the Act	5
2—No. of children registered under the Act in respect of whom action was necessary to be taken	0
(c) Child Life Protection Visitors (Health Visitors)...	4

SECTION C.—SANITARY CIRCUMSTANCES OF THE AREA.

(1) WATER.

No change from general arrangements previously reported.

All main water is now chlorinated with the exception of a high level supply from the Water Tower.

Report on water samples (mains supplies) throughout the year have been consistently satisfactory.

Regular water sampling has been carried out. 134 samples submitted for examination through arrangements made by the Waterworks Committee showed that 119 samples were entirely free from the presence of B. Coli. One of the remaining samples showed 11 B. Coli per ml. of water, nine showed B. Coli as 2 or less per ml. of water, and the remaining 5 showed B. Coli between 3 and 10 per ml. of water.

39 samples of mains water supply taken by Inspectors of this Department and examined at the Public Health Laboratory, Wakefield, were all satisfactory, no report of B. Coli in any sample being made.

13 further samples of other waters from wells, streams, etc., were submitted for examination for various purposes connected with routine sanitary administration.

No restrictions were placed on domestic or trade users in 1939.

Extensions of mains, 1939:—

Topcliffe Lane Estate, Morley.

Rooms Lane Estate, Morley.

Winterbourne Estate, Churwell.

(2) DRAINAGE AND SEWERAGE.

New provision, 1939 :—

- Scatcherd Lane (part of).
- Queen's Road (part of).
- Melbourne Street (part of).
- Churwell Housing Estate (part of).
- Hill Top Housing Estate.
- Fairfax Housing Estate, No. 2.
- Winterbourne Estate, Churwell.

Improvements to existing sewers :—

- Bridge Street, Morley.
- Upper and Lower Churwell.

Outstanding requirements, drainage and sewerage :—

- Gelderd Road.
- Tingley Common (Bradford and Wakefield Road).
- Woodhouse Lane, East Ardsley.
- Old Lane, East Ardsley.

Sewerage Disposal :—

- Morley Main Works—Scheme of improvement in preparation.
- Churwell Works—Scheme to divert to Leeds under consideration.

Reports from West Riding Rivers Board have included complaints of unsatisfactory effluent from the Morley main outfall.

RIVERS AND STREAMS.

Pollution :—

- Tanhause Yard, Churwell—Drainage.
- Gelderd Road, Morley—Drainage.
- Cockersdale, Drighlington—Drainage.

These houses have all been represented for clearance.

CLOSET ACCOMMODATION.

Statement, 1939 :—

No. of water closets	10,314
No. of waste water closets	45
No. of privies	341
No. of pail and tub closets	20
No. of new water closets in new buildings provided in 1939	99

Conversions in the Drighlington district are postponed.

PUBLIC CLEANSING AND SCAVENGING.

Arrangements continue as previously described.

Salvage :—

The salvage of waste paper has been increased, and to meet the requirements of the Ministry of Supply salvage has been extended to other essential materials.

Statistics in respect of refuse collection and disposal for the year ended March 31st, 1939, are given below :—

Total amount of refuse collected and disposed of, year ended 31st March, 1939	13,450 tons
Refuse tipped	13,450 tons

Total cost of collection and disposal, together with the cost of gully cleansing and the cost of cleaning the public conveniences (including depreciation, costs and loan charges) ...	£6,139 0 0
Cost of Drighlington contract	452 7 4
Total cost	£6,591 7 4

Sanitary Inspection of the Area :—

The following is a statement prepared by the Senior Sanitary Inspector :—

Summary of Nuisances, inspected and dealt with in 1939:—

	Found.	Abated.
Accumulation of refuse	19	21
Accumulation of water	29	30
Defective ashplaces	5	7
Dampness in dwellings	21	19
Defective spouting	48	49
Defective water-closets	42	45
House dilapidations	94	76
Rain penetration of dwelling-houses	3	5
Defective worn sinks	136	135
Defective sink waste pipes	16	7
Insufficient water supply	3	1
Privy middens	4	1
Defective drainage	21	24
Stopped drains, gullies, etc.	97	91
Dirty and verminous houses	34	32
Rats and mice	52	48
Defects of water supply	12	14
Defective dry middens	0	3
Insufficient refuse accommodation ...	71	42
Accumulations of manure	2	2
Offensive smells	11	10
Nuisance with keeping of animals ...	3	5
Smoke nuisances, domestic	3	2
Burning tip	0	1
Gas pipe defects	2	1
<hr/>		
Totals	728	671
<hr/>		

Total number of visits of inspection made in connection with the above nuisances,..... 1,822

SHOPS ACT, 1934.

Total inspections	69
Informal action taken in respect of:—	
Insufficient sanitary accommodation	1
Washing facilities	9
Accommodation for taking meals	2
Defective heating	1
—	—
Total	13
—	—

As a result of the informal notices the unsatisfactory conditions were remedied in 12 cases.

SMOKE ABATEMENT.

Summary of observation, 1939:—

Total timed observations	107
Emission of black smoke beyond byelaw allowances (longer period than 3 minutes in $\frac{1}{2}$ hour of continuous observation)	9

9 infringements analysed.

Period.	Number of infringements.
3 $\frac{1}{2}$ minutes	2
4 , ,	2
4 $\frac{1}{2}$, ,	1
6 $\frac{1}{2}$, ,	1
11 , ,	1
12 , ,	1
20 , ,	1
—	—
Total	9
—	—

SWIMMING BATHS AND POOLS.

Two Public Baths. Bath waters are subjected to continuous filtration and chlorination.

Turnover period 4 hours.

13 bath water samples were examined in 1939.

11 samples were reported on as satisfactory and 2 as unsatisfactory.

The 2 unsatisfactory samples showed the presence of B. Coli (in each case 35 per ml. of water) due to a temporary low chlorine content caused by a technical fault in the working of the chlorinating plant.

ERADICATION OF BED-BUGS.

1. (a) Number of Council houses found to be infested with bed-bugs 23
- (b) Number of Council houses disinfested 23
- (c) Number of other houses found to be infested with bed-bugs 40
- (d) Number of other houses disinfested 40
2. Method employed for freeing infested houses from bed-bugs:—
 - (a) In every case fumigation with H.C.N.
3. Methods employed for ensuring that the belongings of tenants are free from vermin before removal to Council houses:—
 - (a) Clearance removal:—
Van fumigation with H.C.N., supplemented where necessary by Steam Sterilization.
 - (b) Straight lettings of Council houses:—
similar to (a) above if evidence is found of bed-bug infestation.
4. H.C.N. Disinfestation—Carried out by Contractor.
Steam Sterilization—Carried out by Local Authority.
5. Supervision of Council housing:—
 - (a) Health Department. Sanitary Inspectors.
 - (b) Borough Treasurer, Estate Department. Woman Housing Inspector.

SECTION D.—HOUSING.

Table D, included here, gives a summary of the Housing work carried out in 1939.

TABLE D.—HOUSING STATISTICS.

1. Inspection of dwelling-houses during the year:—	
(1) (a) Total number of dwelling-houses inspected for housing defects (under Public Health or Housing Acts)	817
(b) Number of inspections made for the purpose	1118
(2) (a) Number of dwelling-houses (included under sub-head (1) above), which were inspected and recorded under the Housing Consolidated Regulations, 1925 and 1932	301
(b) Number of inspections made for the purpose	595
(3) Number of dwelling-houses needing further action	817
(a) Number considered to be in a state so dangerous or injurious to health as to be unfit for human habitation	301
(b) Number (excluding those in sub-head (3) (a) above) found not to be in all respects reasonably fit for human habitation	516
Note.—Totals of (3) (a) and (b) should equal the figure given for (3).	
2. Remedy of defects during the year without service of formal notices.	
No. of defective dwelling-houses rendered fit in consequence of informal action by the Local Authority or their officers	450

3. Action under Statutory Powers during the year.

A. Proceedings under Sections 9, 10, and 16, Housing Act, 1936.

(1) No. of dwelling-houses in respect of which notices were served requiring repairs	0
(2) No. of dwelling-houses which were rendered fit after service of formal notices	0
(a) by owners	0
(b) By Local Authority in default of owners ...	0

B. Proceedings under Public Health Acts:—

(1) No. of dwelling-houses in respect of which notices were served requiring defects to be remedied	0
(2) No. of dwelling-houses in which defects were remedied after service of formal notices	0
(a) By owners	0
(b) By local Authority in default of owners ...	0

C. Proceedings under Sections 11 and 13 of the Housing Act, 1936:—

(1) No. of representations, etc., made in respect of dwelling-houses unfit for habitation	0
(2) No. of dwelling-houses in respect of which Demolition Orders were made	0
(3) No. of dwelling-houses demolished in pursuance of Demolition Orders	0

D. Proceedings under Section 12 of the Housing Act, 1936:—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	0
(2) Number of separate tenements or underground rooms, the Closing Orders in respect of which were determined, the tenement or room having been rendered fit	0

4. Unhealthy Areas.

Have any areas been declared Clearance Areas during the year 1939? If so, please give full particulars as to such, including situation, number of houses, population, and action taken relative thereto.

A list of the Areas is given below:—

Area.	Description.	No. of Houses.	No. of persons at date of Census
50	Jackson Lane, "A"	4	11
51	Jackson Lane, "B"	6	14
52	Jackson Lane and Cross Church Street	12	28
53	Jackson Lane, "C"	5	16
54	Jackson Lane and Bank Street	9	25
55	Crowther Buildings	3	11
56	Bank Street, "B"	6	23
57	Bank Street, "C"	6	17
58	Oldroyd's Buildings and Albert Road	13	35
59	Whitaker Buildings	8	22
60	Troy Road, "A"	16	39
61	Saville Square and Little Lane	7	19
62	Brook Square and Providence Place	13	49
63	Hill's Buildings, Scotchman Lane	2	5
64	Brick Row, Scotchman Lane	13	44
65	Dewsbury Road	6	23
66	Chapel Hill and Station Road	9	13
67	Low Fold, Churwell, "B" ...	20	68
68	Elland Road and Co-operative Street	15	32
69	Wakefield Road, Drighlington, "B"	6	14
70	Moorside Road, Drighlington, "A"	11	28

Area.	Description.	No. of Houses.	No. of persons at date of Census.
71	Moorside Road, Drighlington, "B"	9	21
72	Moorside Road, Drighlington, "C"	4	8
73	West Street, Drighlington...	4	12
74	Back Lane, Drighlington ...	3	3
75	Lumb Bottom, Drighlington	10	21
76	Dale Road, Drighlington ...	5	16
77	Bradford Road, Drighlington, "A"	3	5
78	Wakefield Road and Nepshaw Lane, Gildersome	11	27
79	The Bottoms, Gildersome ...	11	40
80	Wakefield Road, Gildersome, "A"	3	10
81	Wakefield Road, Gildersome, "B"	19	52
82	Bullock's Yard, East Ardsley	9	17
83	Bradford Road, East Ardsley	3	4
84	Providence Square, West Ardsley	13	44
85	Pump Lane, West Ardsley...	4	11
		301	827
		—	—

The above areas were the subject of representations in 1939. A Ministry of Health Public Inquiry was ordered for September, 1939, but in view of the outbreak of war, the inquiry was indefinitely postponed and consequently no Clearance Orders in respect of these Areas were confirmed.

5 Number of new houses erected during 1939:—

(a) By the Local Authority	50
(b) By private enterprise	49
	—
Total	99
	—

6. Housing Conditions.

- (1) Total number of houses in the District 13023
- (2) Number of working-class houses included in above 10568
- (3) General observations as to housing conditions, overcrowding and shortage of houses.

The Council had adopted a scheme to demolish 1,250 houses and re-house the displaced tenants in new Council houses within a period of 5 years. By reason of the outbreak of war, this scheme has been postponed.

In view of the movement of population arising from war conditions, the present situation regarding overcrowding is difficult to assess with any accuracy.

- (4) Any special activity in house building, if so, where?

The Council are proceeding with the completion of Estates mentioned in the Report for 1938.

Wide Lane, Morley.

Hill Top, West Ardsley.

Churwell Park, Morley.

- (5) Any housing scheme projected by the Local Authority, if so, give particulars?

The new Council Houses Provision Schemes referred to in the Report for 1938 are now in abeyance.

- (6) Any regulations made in respect of underground sleeping rooms under Section 12, Housing Act, 1936?---None.

7. Town Planning.

- (1) Is the Council a member of any Regional Town Planning Committee. If so, which?

Batley and District Joint Town Planning Committee.

(2) Is a Town Planning Scheme in force for

- (a) The whole of the District—No.
- (b) Part of the District—Yes.

If so, gave particulars of scheme.

Applies to part of the District only.

(3) Have Council during 1939 passed a Resolution deciding to prepare a Town Planning Scheme? If so, does it relate to:—

- (a) Whole District?—No.
- (b) Part of District?—No.

8. Name and address of Officer designated to make inspections under the Housing Consolidated Regulations—

Frederick G. E. Hill, Medical Officer of Health, Morley.

9. Has any action been taken to improve the housing conditions of tuberculous families in your District, either by way of building new or special houses or the granting of special facilities for such families to be housed? If so, please, state action taken?

No, but every consideration is given to these cases.

10. Housing Act, 1936—Part IV.—Overcrowding.

(a) (1) Number of dwellings overcrowded at the end of the year	207
(2) Number of families dwelling therein	207
(3) Number of persons dwelling therein	1143
(b) Number of new cases of overcrowding reported during the year	0
(c) (1) Number of cases of overcrowding relieved during the year	13
(2) Number of persons concerned in such cases...	74

(d) Particulars of any case in which dwelling-houses have again become overcrowded after the Local Authority have taken steps for the abatement of overcrowding.—None.

(e) Any other particulars with respect to overcrowding conditions upon which the Medical Officer of Health may consider it desirable to report.

The position has improved considerably from the position at the date of the overcrowding survey. Many cases have been abated by re-housing in new Council houses.

(Signed) FREDERICK G. E. HILL,
Medical Officer of Health.

OVERCROWDING IN COUNCIL HOUSES.

No. of Council Houses recorded as overcrowded, end of 1939	16
---	----

No case of overcrowding in a Council House was recorded as abated in 1939.

CLEARANCE AREAS AND PROVISION OF NEW COUNCIL HOUSES.

Referring to the work described in the Annual Report for 1938, progress continues with the completion of the Wide Lane, Hill Top, and Churwell Estates, and as these houses become ready for occupation the transference of tenants from dwellings in confirmed Clearance Areas will proceed.

Demolition has been suspended as from the date of the outbreak of war.

No sanctions have been given for the re-occupation of vacated houses in confirmed Clearance Areas.

SECTION E.—INSPECTION AND SUPERVISION OF FOOD.

COWSHEDS AND DAIRIES.

Visits of inspection to cowsheds	212
Visits of inspection to milk dealers	82
Visits of inspection to dairies	214
	—
Total	508
	—

Formal action taken	None
Informal action taken	72 cases

MILK SAMPLING.

Milk designation.	No. of samples taken.	Satisfactory reports.	Unsatisfactory reports.
Pasteurised	13	11	2
Accredited	33	29	4
Untreated	111	72	39
	—	—	—
	157	112	45
	—	—	—

131 of the above samples were taken by Inspectors of this Department and 26 by Inspectors of the Health Department of the West Riding County Council.

Summary of Milk Dealers on Register—

Cowkeepers	50
Wholesale dealers	21
Retail dealers	62
Licensed producers of "Accredited" Milk	9
Licensed producers of "Pasteurised" Milk	1
Licensed producers of "Tuberculin Tested" Milk ...	0

MEAT.

Visits of inspection to slaughterhouses, 1939 ...	1012
Carcases inspected:—	

Bovines	1411
Swine	2146
Sheep	2670
	—
Total	6227
	—

Summary of findings at the above inspections, meat unfit for human consumption:—

(1) Whole carcases:—

Swine	Tuberculosis	2
	Moribund	1
	Dropsy	1
Sheep	Jaundice	1
	Moribund	1
	Dropsy	2

(2) Parts of carcases:—

Bovines:—

Heads and Tongues ...	Tuberculosis	38
Lungs	„	120
Livers	„	32
Kidneys	„	2
Mesenteries	„	10
Udders	„	1
Stomach	„	1
Intestines	„	1
Forequarters	„	1
Livers	Cirrhosis	39
Lungs	Flukes	13
Lungs	Pleurisy	3
Lungs	Pneumonia	4
Heads	Abscesses	1
Lungs	„	6
Livers	„	9
Kidneys	„	1
Livers	Fatty degeneration ...	8
Livers	Angioma	1
Kidneys	Cystic	1
Lungs	Echinococcus (Cysts) ...	10
Livers	„ „ ...	5
Lungs	Tenuicollis (Cysts)	1

Swine:—

Heads	Tuberculosis	92
Plucks	„	8
Lungs	„	5
Livers	„	2
Mesenteries	„	5
Intestine	„	1
Lungs	Pneumonia	10
Pluck	Pleurisy	1
Pluck	Abscesses	1
Liver	Hepatitis	12
Livers	Echinococcus (Cysts) ...	1
Livers	Tenuicollis (Cysts)	2
Liver	Necrosis	1
Intestine	Inflammation	11

Sheep:—

Lungs	Echinococcus (Cysts) ...	3
Livers	„ „ ...	10
Livers	Cirrhosis	7
Lungs	Abscesses	1
Leg	Abscess	1

Summary of above:—

(1) Whole carcases condemned:—		
(a) Tuberculosis	2	
(b) Other conditions	6	
(2) Parts of carcases condemned:—		
(a) Tuberculosis	329	
(b) Other conditions	163	

INSPECTION OF FOOD.

Preparation and Sale, 1939.

Inspections:—

Fried Fish Shops	208
Bakehouses	138
Ice Cream Premises	32
Other Premises	123
Total	501

No. of cases in which informal action was taken ... 6

Summary of food found to be unfit for human consumption and in respect of which informal action was taken :--

Rabbits	Coccidosis	2
Fish	Decomposition	65 stones
Cheese	Stale	7 lbs.
Mutton	Abscess	1 lb.
Tomatoes	Decomposition	8 butts
Pressed Pork	Decomposition	7 lbs.

ADULTERATIONS.

Undertaken by West Riding County Council.

CHEMICAL AND BACTERIOLOGICAL EXAMINATION OF FOOD.

See under "Milk."

NUTRITION. DISSEMINATION OF KNOWLEDGE OF NUTRITION AND FOOD VALUE.

See under previous Annual Reports.

Adoption of National Milk Scheme. Ministry of Food.

Adaptation to War Conditions.

SECTION F.—PREVALENCE OF AND CONTROL
OVER INFECTIOUS AND OTHER DISEASES.

Notifications of "Notifiable Infectious diseases," 1939:—

Scarlet Fever	127
Diphtheria	25
Paratyphoid Fever	1
Pneumonia	28
Puerperal Pyrexia	2
Dysentry	1
Erysipelas	12
Pulmonary Tuberculosis (new cases)	23
Non-Pulmonary Tuberculosis (new cases) ...	10
Whooping Cough	1
	—
Total	230
	—

Notifications of "Notifiable Infectious Diseases," included in preceding table occurring in school children:—

Scarlet Fever	73
Diphtheria	10
Pneumonia	3
	—
Total	86
	—

Notification of infectious diseases, non-notifiable, received from Head Teachers of schools:—

Chicken-pox	51
Whooping Cough	29
Measles	7
Mumps	1
	—
Total	88
	—

No low attendance certificates in respect of poor attendance in schools due to infectious sickness were issued in 1939.

The figures give call for little comment. No undue prevalence of infectious sickness is recorded. Administrative action was confined to routine inquiry, isolation and swabbing where necessary. No school or class closure was required in 1939.

Public Health (Prevention of Tuberculosis) Regulations, 1925.—No action taken or required.

Public Health Act, 1936 (relating to the compulsory removal to hospital of persons suffering from Tuberculosis).—No action taken or required.

ISOLATION HOSPITALS.

Bruntcliffe Lane Isolation Hospital. Returns, 1939:—

	Scarlet Fever.	Diphtheria.	Pneumonia.	Erysipelas.	Total.
Admissions ...	58	0	0	0	58
Deaths 0	0	0	0	0	0

Oakwell Hall Isolation Hospital Returns, 1939:—

	Scarlet Fever.	Diphtheria.	Erysipelas.	Total.
Admissions ... 14	14	1	29	
Deaths 0	1	0	1	

Carr Gate Isolation Hospital Returns, 1939:—

	Scarlet Fever.	Diphtheria.	Observation.	Total.
Admissions 39	11	1	51	
Deaths 0	0	0	0	

Notifiable Diseases (other than Tuberculosis), 1939:—

Diseases.	Total cases Notified.	Admitted to Hospital.		Deaths.
		Hospital.	Deaths.	
Scarlet Fever	127	111	0	0
Diphtheria	25	25	0	1
Enteric Fever (inclusive para- typhoid Fevers)	1	0	0	0
Puerperal pyrexia	2	0	0	0
Pneumonia	28	0	16	
Erysipelas	12	1	0	0
Ophthalmia Neonatorum	0	0	0	0
Cerebro-spinal Fever	0	0	0	0

AGE GROUP INCIDENCE AND ANALYSIS OF NOTIFIABLE DISEASES.

Disease.	0-1	1-2	2-3	3-4	4-5	5-10	10-15	15-20	20-35	35-45	45-65	65+	Total.
Diphtheria	0	0	3	1	3	6	7	3	1	0	1	0	25
Scarlet Fever	0	2	3	10	12	54	24	9	10	2	1	0	127
Enteric Fever	0	0	0	0	0	0	0	0	0	1	0	0	1
Puerperal Pyrexia	0	0	0	0	0	0	0	0	0	0	0	0	2
Pneumonia (all forms)	2	0	3	0	1	2	1	3	7	2	5	2	28
Erysipelas	0	0	0	0	0	0	0	0	0	1	1	8	2
Ophthalmia Neonatorum	0	0	0	0	0	0	0	0	0	0	0	0	0
Tuberculosis—													
Pulmonary	...	0	0	0	0	0	0	1	6	9	1	6	23
Non-pulmonary	...	0	0	0	1	0	3	2	1	1	1	0	10
Dysentery	...	0	0	0	0	0	0	0	0	0	1	0	1
Totals	...	2	2	9	12	16	65	35	22	31	9	22	229

Cancer.

Total deaths:—Males 30, Females 33; total 63.

Year.	Extended Borough.			1936	1935	1934	1933
	1939	1938	1937.				
No. of Deaths ...	63	62	55	38	27	40	32

CANCER.

Analysis of 63 deaths shown in:—

	Males.	Females.
Digestive Tract and Associated organs ...	25	23
Lung	4	8
Genito-Urinary system	1	2
—	—	—
Total	30	33
—	—	—

Ages at death are shown in the following table:—

	Males.	Females.	Combined.
Age 30—39 years ...	1	1	2
„ 40—49 years ..	2	1	3
„ 50—59 years ...	8	7	15
„ 60—69 years ...	11	13	24
„ 70—79 years ...	7	8	15
„ 80—89 years ...	1	3	4

4 TUBERCULOSIS.

New Cases and Mortality during 1939.

NOTIFICATIONS OF AND DEATHS FROM TUBERCULOSIS, 1939.

	Notifications.	Deaths.
Pulmonary	23	17
Non-Pulmonary ...	10	8
Totals	38	25

Age Groups.	New Cases.				Deaths.			
	Respiratory		Non-Respiratory		Respiratory		Non-Respiratory	
	M.	F.	M.	F.	M.	F.	M.	F.
0—1	0	0	0	0	0	0	1	0
1—5	0	0	1	0	0	0	1	0
5—15	0	0	4	1	0	0	0	1
15—25	7	8	0	2	1	6	1	0
25—35	0	1	0	0	0	0	1	0
35—45	1	0	1	0	0	0	0	0
45—55	2	0	1	0	2	0	0	2
55—65	4	0	0	0	4	1	1	0
65 and upwards	0	0	0	0	1	1	0	0
Totals		14	9	7	3	9	8	5
		—	—	—	—	—	—	—
		—	—	—	—	—	—	—

AGE GROUP MORTALITY.

ANALYSIS OF NOTIFIABLE DISEASES.

Deaths.	0-1	1-2	2-5	5-15	15-25	25-45	45-65	65+	Total
Diphtheria	0	0	0	1	0	0	0	0	1
Scarlet Fever	0	0	0	0	0	0	0	0	0
Puerperal Fever ...	0	0	0	0	0	0	0	0	0
Enteric Fever ...	0	0	0	0	0	0	0	0	0
Erysipelas	0	0	0	0	0	0	0	0	0
Pneumonia (all forms)	2	0	1	0	1	0	8	4	16
Tuberculosis—									
Pulmonary ...	0	0	0	0	7	0	7	3	17
Non-pulmonary 1	1	0	1	1	1	3	0	8	
Cerebro-Spinal Fever 0	0	0	0	0	0	0	0	0	0
Dysentery	0	0	0	0	0	0	0	0	0
Encephalitis									
Lethargica 0	0	0	0	0	0	0	0	0	0
	—	—	—	—	—	—	—	—	—
Totals ...	3	1	1	2	9	1	18	7	42

ANALYSIS OF DEATHS OF PERSONS FROM
NOTIFIABLE INFECTIOUS DISEASES.

Disease.	North Ward.	Central Ward.	South Ward.	Chur- well Ward.	East Ardsley Ward.	West Ardsley Ward.	Drigh- lington Ward.	Gilder- some Ward.	Total
Diphtheria	0	0	1	0	0	40	0	0	1
Scarlet Fever	0	0	0	0	0	0	0	0	0
Encephalitis									
Lethargica	0	0	0	0	0	0	0	0	0
Cerebro-Spinal Fever	0	0	0	0	0	0	0	0	0
Tuberculosis—									
Pulmonary ...	2	3	5	1	3	2	0	1	17
Non-pulmonary	0	1	0	0	1	1	0	5	8
Pneumonia									
(all forms)	2	4	1	1	3	0	2	16	
	—	—	—	—	—	—	—	—	—
Totals ...	4	8	7	2	7	6	0	8	42
	—	—	—	—	—	—	—	—	—

OPTHALMIA NEONATORUM.

NOTIFIED	CASES		Vision Un- impaired,	Vision Impaired,	Total Blindness.	Death.
	TREATED	At home.				
0	0	0	0	0	0	0

VITAL STATISTICS.

POPULATION.

Estimated population of Morley for 1939:—

(a)	39,210
(b)	39,140

BIRTHS.

556 births were notified in 1939 as compared with 617 in 1938.

DISTRIBUTION OF NOTIFIED BIRTHS IN WARDS.

Ward.	Males.	Females.	Total.
Morley North	40	41	81
Morley Central	47	42	89
Morley South	47	41	88
Churwell	7	10	17
East Ardsley	35	40	75
West Ardsley	39	51	90
Drighlington	24	34	58
Gildersome	25	33	58
	264	292	556

The Registrar-General's corrected figure for the birth-rate gives 259 boys and 279 girls, a total of 538.

7 boys and 12 girls are recorded as illegitimate.

The corrected birth-rate figure is 13.72 per 1,000.

The corrected birth-rate figure for 1938 was 15.58 per 1,000, and the figures for the past 5 years are:—

1934	12.6
1935	12.2
1936	14.2
1937 Extended Borough	13.7
1938 ,, ,, 	15.58

The Registrar-General's returns show the following live birth-rates estimated on a population to the middle of 1939:—

England and Wales	15.0
126 County Boroughs and Great Towns (including London)	14.8
148 smaller Towns (Resident Popula- tions 25,000 to 50,000 to 1931 (Census)	15.6
London, Administrative Council	12.3

DEATHS.

Ward.	Males.	Females.	Total.
Morley North	45	41	86
Morley Central	43	36	79
Morley South	51	51	102
Churwell	13	11	24
East Ardsley	29	33	62
West Ardsley	27	18	45
Drighlington	33	22	55
Gildersome	28	25	53
<hr/>		<hr/>	<hr/>
Totals ...	269	237	506
<hr/>		<hr/>	<hr/>

The Registrar-General's corrected figures for the death-rate gives 269 males and 237 females, a total of 506.

The corrected death-rate figure for 1939 is 12.92 per 1,000.

The corrected death-rate figure for 1938 was 12.25 per 1,000, and the figures for the past 5 years are:—

1934	13.9
1935	13.9
1936	13.2
1937 Extended Borough ...	13.9
1938 , , , ...	12.25

The Registrar-General's returns show the following death-rates estimated on a population to the middle of 1939:—

England and Wales	12.1
126 County Boroughs and Great Towns (including London)	12.0
148 Smaller Towns (Resident Popula- tions 25,000 to 50,000 at 1931 Census)	11.2
London, Administrative County	11.9

ANALYSIS OF DEATHS OF PERSONS AGED 65 YEARS AND OVER.

Age.	North	Central	South	Chur-	East	West	Drigh-	Gilder-	Total.
	Ward.	Ward.	Ward.	well	Ardsley	Ardsley	lington	some	
65—69	15	14	13	5	8	3	9	5	72
70—74	11	14	14	3	10	5	8	7	72
75—79	11	11	20	4	9	6	10	7	78
80—84	4	9	7	1	4	2	3	1	31
85—89	1	2	4	1	1	0	4	0	13
90 plus	0	0	0	0	1	0	1	0	2
	—	—	—	—	—	—	—	—	—
	42	50	58	14	33	16	35	20	268
	—	—	—	—	—	—	—	—	—

The following table shows the causes of death in the Borough of Morley for the year 1939:—

Morley Municipal Borough, 1939 (civilians only):—

	Male.	Female.	Total.
1. Typhoid and Para-typhoid fevers ...	0	0	0
2. Measles	0	0	0
3. Scarlet fever	0	0	0
4. Whooping cough	1	1	2
5. Diphtheria	0	1	1
6. Influenza	3	5	8
7. Encephalitis lethargica	0	0	0
8. Cerebro-spinal fever	0	0	0
9. Tuberculosis of respiratory system...	9	8	17
10. Other tuberculous diseases	5	3	8
11. Syphilis	0	0	0
12. General paralysis of the insane, tabes dorsalis	2	1	3
13. Cancer, malignant disease	30	33	63
14. Diabetes	5	5	10
15. Cerebral haemorrhage, etc	26	27	53
16. Heart disease	63	58	121
17. Aneurysm	0	0	0
18. Other circulatory diseases	23	13	36
19. Bronchitis	13	7	20
20. Pneumonia (all forms)	11	5	16
21. Other respiratory diseases	2	2	4
22. Peptic ulcer	3	0	3
23. Diarrhoea, etc. (under 2 years)	1	1	2
24. Appendicitis	0	0	0
25. Cirrhosis of liver	0	0	0
26. Other diseases of liver, etc.	0	4	4
27. Other digestive diseases	4	3	7
28. Acute and chronic nephritis	13	8	21
29. Puerperal sepsis	0	0	0
30. Other puerperal causes	0	3	3
31. Congenital debility, premature birth, malformations, etc.	9	7	16
32. Senility	14	15	29
33. Suicide	0	1	1
34. Other violence	11	2	13
35. Other defined diseases	20	24	44
36. Causes ill-defined or unknown	0	0	0
37. Diarrhoea (2 years and over)	1	0	1
	269	237	506

	Male.	Female.	Total.
Total deaths of Infants under one year...	16	9	25
Legitimate	16	8	24
Illegitimate	0	1	1
Total number of live births	259	279	538
Legitimate	252	267	519
Illegitimate	7	12	19
Total number of live births, I.M., etc. ...	260	279	539
Legitimate	253	267	520
Illegitimate	0	12	12
Total number of still-births	14	15	29
Legitimate	13	14	27
Illegitimate	1	1	2

RESPIRATORY DISEASES—DEATHS AND DEATH-RATES.

	1935.	1936.	1937.	1938.	1939.
Deaths	24	27	51	46	40
Death-rate	1.06	1.2	1.3	1.21	1.02

ANALYSIS OF DEATHS FROM RESPIRATORY DISEASES DURING 1939.

	Males.	Females.
Pneumonia (all forms)	11	5
Bronchitis	13	7
Other respiratory diseases	2	2
	—	—
	26	14
	—	—

STATISTICS RELATING TO INFANTILE MORTALITY AND CHILD WELFARE.

The Infant Mortality Rate for the year is 46.3 per 1,000 live births. The Infant Mortality Rates for the past five years are shown as:—

1934 ... 59.2	per 1,000 live births.
1935 ... 58.1	
1936 ... 31.8	
1937 ... 44.5	
1938 ... 57.0	

COMPARATIVE INFANTILE MORTALITY RATE.

England and Wales	50	per 1,000 live births.
126 County Boroughs and Great Towns, including London ...	53	
148 Small Towns	40	
London	48	

ANALYSIS OF CAUSES OF DEATH OF ALL INFANTS
UNDER 1 YEAR.

	North Ward.	Central Ward.	South Ward.	Chur- well Ward.	East Ardsley Ward.	West Ardsley Ward.	Drigh- lington Ward.	Gilder- some Ward.	Total
Premature Birth and									
Congenital Defects	4	4	1	1	1	2	0	1	14
Diarrhoea	1	0	1	0	0	0	0	0	2
Violence Accident	0	0	0	0	0	2	0	0	2
Other Defined Con- ditions									
	2	1	0	0	2	0	0	2	7
	—	—	—	—	—	—	—	—	—
	7	5	2	1	3	4	0	3	25
	—	—	—	—	—	—	—	—	—

CANCER.

Table showing deaths and death-rates for the past five years:—

	1935.	1936.	1937.	1938.	1939.
Deaths	27	38	55	62	63
Death-rate ...	1.2	1.7	1.4	1.5	1.6

APPENDIX.

ANNUAL REPORT

Of the Medical Officer of Health for the year 1939, for the Borough of Morley in the County of West Riding of Yorkshire, on the administration of the Factory and Workshop Act, 1901, and the Factories Act, 1937 (which superseded the Act of 1901
1st July, 1938).

1.—INSPECTIONS for purposes of provisions as to health.

Including Inspections made by Sanitary Inspectors.

Premises. (1)	Number of		
	Inspections (2)	Written Notices. (3)	Occupiers Prosecuted (4)
Factories with mechanical power ...	60	18	0
Factories without mechanical power ...	33	15	0
Other Premises under the Act (including works of building and engineering construction but not including out- workers' premises)	0	0	0
Total	93	33	0

2.—DEFECTS FOUND.

Particulars. (1)	Number of Defects.			Number of defects in respect of which Prosecutions were instituted. (5)
	Found. (2)	Remedied. (3)	Referred to H.M. Inspector. (4)	
Want of cleanliness ...	0	0	—	—
Overcrowding ...	0	0	—	—
Unreasonable temperature ..	0	0	—	—
Inadequate ventilation ...	0	0	—	—
Ineffective drainage of floors...	0	0	—	—
Sanitary Conveniences {	1	1	—	—
insufficient ...	1	1	—	—
unsuitable or defective ...	3	3	—	—
not separate for sexes ...	0	0	—	—
Other offences (not including offences relating to Home Work or offences under the Sections mentioned in the Schedule to the Ministry of Health (Factories and Workshops Transfer of Powers) Order, 1921, and re-enacted in the Third Schedule to the Factories Act, 1937) ...	0	0	—	—
Total ...	4	4	—	—

OUTWORK IN UNWHOLESOME PREMISES.

(Section 108 of Act of 1901 ; Section III of Act of 1937).

NATURE OF WORK.	(1)	Instan- ces.	Notices served.	Prosecu- tions.
	(2)	(3)	(4)	
Wearing Apparel—				
Making, etc.	
Cleaning and washing	
Household linen	
Lace, lace curtains and nets	
Curtains and furniture hangings	
Furniture and upholstery	
Electro-plate	
File making	
Brass and brass articles	
Fur pulling	
Cables and chains	
Anchors and Grapnels	
Cart Gear	
Locks, latches and keys	There are no out workers in Morley.
Umbrellas, etc.	
Artificial flowers	
Nets, other than wire nets	
Tents	
Sacks	
Racquet and tennis balls	
Paper, etc., boxes, paper bags	
Brush making	
Pea picking	
Feather sorting	
Carding, etc., of buttons, etc.	
Stuffed toys	
Basket making	
Chocolates and sweetmeats	
Cosaques, Christmas crackers, Christmas stockings, etc.	
Textile weaving	
Lampshades	
Total	

FREDERICK G. E. HILL,
Medical Officer of Health.

TABLE IX.

BOROUGH OF MORLEY.

BIRTH-RATES, DEATH-RATES, AND ANALYSIS OF MORTALITY DURING THE YEAR 1939.
England and Wales, 126 County Boroughs and Great Towns, and 148 Smaller Towns.

RATE PER 1000 TOTAL POPULATION.	RATE PER 1000 LIVE BIRTHS.		ANNUAL DEATH-RATE PER 1,000 POPULATION.		RATE PER 1000 LIVE BIRTHS.							
	LIVE Births	Still- Births	All Causes	Fyphoidal and Para- typhoidal fevers.	Small-Pox	Measles	Scarlet Fever	Whooping- Cough	Diphtheria	Influenza	Diarrhoea and Enteritis (under 2 years)	Total Deaths under One Year
England and Wales	15.0	0.59	12.1	0.00	—	0.01	0.01	0.03	0.05	0.21	4.6	50
126 County Boroughs & Great Towns, including London ...	14.8	0.59	12.0	0.00	—	0.01	0.00	0.03	0.05	0.19	6.3	53
148 Smaller Towns	15.6	0.57	11.2	0.00	—	0.01	0.00	0.02	0.04	0.20	3.0	40
London	12.3	0.44	11.9	0.00	—	0.00	0.00	0.03	0.02	0.18	8.2	48
Morley,	13.72	0.73	12.25	0.00	—	0.00	0.00	0.05	0.02	0.20	3.7	46

The maternal mortality rates for England and Wales are as follows :
Morley " " "
" " " "
" " " "

	per 1,000 Total Births	per 1000 Total Births	Puerperal Sepsis	Others.	Total.
	0·74	2·08	2·82
			0·00	5·5	5·5

TABLE C.

YEAR 1939.

BOROUGH OF MORLEY SANITARY DISTRICT.

NUISANCE INSPECTIONS

Total No. of Inspections made in 1939, for Nuisance only—1822.

(Not including Housing Inspections).

Nuisances found in 1939	...	730	Total needing abatement	...	1023
Nuisances in hand, end of 1938	293		Total abated during 1939	...	672
Total	..	1023	Outstanding at end of 1939	...	351
Notices served, Informal	...	730	Complied with	...	663
,, ,, Statutory	...	9	,, ,,	...	9
Total number of Summons or other legal proceedings				...	0

Regulated Buildings, Trades, &c.	No. in District.	No. on Register.	Total No. of Inspec- tions made.	General Instructions.	Legal Proceed- ings (if any).
Common Lodging Houses ...	0	0	0	—	0
Houses let in Lodgings	2	2	3	Not satisfactory	0
Canal Boats ...	0	0	0	—	0
Knackers' Yards ...	0	0	0	—	0
Tents, Vans and Sheds	6	6	62	Not satisfactory	0
<i>Offensive Trades :</i>					
Tripe Boilers ...	4	4	8	Satisfactory	0
Fat Melters ...	4	4	7	„	0
Gut Scraper ...	1	1	3	„	0
Bone Boiler ...	1	1	4	„	0
Soap Boiler ...	1	1	3	„	0

Have the Council declared any other processes to be offensive trades?—No.

DRAINAGE AND SEWERAGE.

Particulars of any sewer extensions during 1939—Scatcherd Lane, Queen's Road, Melbourne Street, Churwell Housing Estate, Hill Top Housing Estate, Fairfax No. 2 Housing Estate, Victoria Road.

Details of any portion of district still requiring

- (a) Sewering—Gelderd Road, Tingley Common, Woodhouse Lane.
- (b) Improvement of defective sewers—Bridge Street, Morley, Upper and Lower Churwell.

No. of houses not connected to sewers—401.

SEWAGE DISPOSAL WORKS.

Particulars of any extensions made during 1939—None.

Inadequacy of sewage disposal works?—Main outfall works, Churwell works, Drighlington works.

Any complaints from West Riding Rivers' Board?—Yes. Unsatisfactory effluent.

CLOSET ACCOMMODATION.

No. of privies with open middens—27. No. of pail or tub closets—20.
 ,, with covered middens—314.

No. of water closets—10314. No. of waste water closets—45.

No. of closets, other than Privies, reconstructed during 1939 as w.c.'s—0.

No. of additional Closets provided for old property in 1939 as—(a) w.c.'s—1.
 (b) other—0.

No. of Closets constructed in 1939 for new houses—(a) w.c.'s—123.
 (b) other—0.

Any special action being taken by Council to secure conversion of privies, waste water closets and pails to W.C. system. If so, what?—Yes. In the Drighlington area where there are many outstanding conversions. The operation of the scheme is now temporarily postponed.

SCAVENGING.

Is public scavenging in operation throughout the whole district?—No.

If not, is it in operation in any part of the area? If so, specify part or parts—Public scavenging is in operation in all the area with the exception of Drighlington. Drighlington is scavenged by private contract.

How is refuse disposed of? 1. Destruction—None. 2. Tipping—100%
 3. Farmers—None.

If tipping is in operation, is it on the controlled system?—No.

Total annual cost of collection and disposal of refuse—£6139.

Particulars of any extension or improvement in the service during the year—
Yes. Increased salvage of paper, glass, metal, rags, etc.

WATER SUPPLY.

Source of supply—1. Morley Corporation Waterworks.
 2. Halifax Corporation Waterworks.
 3. Bradford Corporation Waterworks.

By whom distributed?—1, Morley Corporation. 2. Bradford Corporation.

No. of houses on public supply—Practically every home.

Any extension of supply during the year?—Topcliffe Lane Estate, Rooms Lane, Winterbourne Estate, Churwell.

Has supply been satisfactory?—Yes. In quality?—Yes. In quantity?—Yes.

Number of examinations made during the year (a) chemical 1—Result—Good. (b) bacteriological—199. Result—Good.

Have any supplies been restricted or closed, if so, where?—No restrictions were necessary in 1939.

MILK SUPPLY.

No. of Milk samples taken by officers of local authority for analysis under the Food and Drugs (Adulteration) Act, 1928, and the Food and Drugs Act, 1938—None.

No. found adulterated—None. No. of prosecutions—None.

No. of samples of ordinary milk taken by officers of local authority for:

(a) Methylene blue test—157. (b) presence of tuberculosis—159

Any special examination of milk for dirt, *e.g.*, sedimentation test?—None.

Any instance of disease attributed to milk during 1939?—None.

No. of cowkeepers in district—50. No. registered—50.

Total No. of cowsheds—83 Total No. of milk cows—528.

Total No. of cowsheds inspected during the year—83.

Total No. of cowshed inspections—212.

No. of wholesale traders registered—21. No. of retail milk sellers registered—62.

Have any retailers been removed from the Register?—No

Observations as to structural conditions, cleanliness and methods of production and handling of milk—Premises, variable. Methods, continued improvement.

MILK (SPECIAL DESIGNATIONS) ORDERS 1936 and 1938

No. of Licences in force in area for:—

Samples of designated milks examined bacteriologically.

	Number Satisfactory.	Number Unsatisfactory.	Number Total.
--	----------------------	------------------------	---------------

(a) Production of "Tuberculin Tested" Milk 0 0 0

(b) Production of "Accredited" Milk 9 29 4 33

(c) In respect of Pasteurising plants 1 11 2 13

(a) No. of licences in force for bottling "Tuberculin Tested" or "Accredited" milk, other than at place of production ... 0

MEAT INSPECTION.

Any public abattoir in the district?—No.

Total No. of private slaughterhouses 15, made up of 7 registered and 8 licensed.

No. unsatisfactory either as regards structure, position or in other respects—9.

No. of times each slaughter-house inspected—52 minimum.

Total inspections—1012.

Seizures of unsound food—None. Total weight—N/a. No. of prosecutions—None

Meat surrendered to Officers of the Local Authority after inspections on 333 occasions.

PUBLIC HEALTH (MEAT) REGULATIONS, 1924.

Meat Marking: Is scheme in force under above?—No.

If so, give particulars of action under same—N/a.

OTHER FOODS.

No. of samples (other than milk) taken by Officers of L.A. for examination under the Food and Drugs (Adulteration) Act, 1928, and the Food and Drugs Act, 1938—None.

No. found adulterated—None. No. of prosecutions—None.

No. of Bakehouses in district—37. Total inspections—128.

Are any of bakehouses underground, if so, how many?—None.

SCHOOLS.

Statutory Medical Inspection is carried out by the County Education Authority in most of the district, but that does not relieve the Medical Officer of Health of his duties in regard to sanitation and the prevention of infectious outbreaks in connection with schools.

No. of Schools in district 16. No. visited by M.O.H.—16.

Action taken—Individual exclusion. Schools closed by M.O.H.—None.

General Sanitary Conditions—Good, with exceptions.

SMOKE ABATEMENT.

No. of smoke observations each of 30 minutes duration taken during 1939—107.

No. of above showing excessive emission of black smoke—9.

No. of cautions issued—9. No. of statutory notices issued—0.

No. of prosecutions—0.

SHOPS ACT, 1934, Sections 10 and 13 (3).

No. of visits paid under the above Act during 1939—69.

Unsatisfactory conditions found—13. Remedied—12.

TENTS, VANS, SHEDS, Etc.

No. in district—6

Is this class of dwelling showing signs of increase?—No.

Have Council made bye-laws under Section 268 (4) Public Health Act, 1936?—No.

SWIMMING BATHS AND POOLS.

Are there in the district:—

Any public swimming baths or pools?—Yes.

Any privately owned swimming baths or pools open to the public?—No.

If so, give brief particulars of each and state what action is taken to ensure satisfactory condition of the water.—Corporation Swimming Baths, first class and second class, Treatment by filtration and chloramine treatment

Any samples of bath water examined, in 1939, apart from samples submitted to the County Bacteriological Laboratory. If so, please give particulars—No.

MORTUARIES.

What accommodation—

- (a) For accidents—Morley—one. Gildersome—one.
- (b) For infectious cases other than at hospital—See under (a) above.
- (c) For other cases—One in each infectious disease hospital.
- (d) For post mortem examinations—District and Hospital Mortuaries mentioned above.

Any suggestions by M.O.H.—None.

BYE-LAWS AND REGULATIONS in force in District.

Please give complete list of Byelaws and Regulations in force, and date of adoption in each case—

Common Lodging Houses	...	...	...	...	...	10/9/1888
Dairies Cowsheds and Milk Shops	...	...	...	...	...	9/4/1888
Prevention of Waste Water, etc.	...	...	...	...	...	14/5/1901
Spitting	...	...	...	...	...	4/7/1904
Offensive Trades	...	...	...	...	...	26/4/1904
Nuisances	...	...	...	...	...	7/6/1904
Admission and Discharge of Patients	...	...	...	...	...	23/4/1907
New Streets and Buildings	...	...	...	...	...	12/2/1926
Drainage of Existing Buildings	...	...	...	...	...	9/4/1926
Regulation of the Emission of Smoke	...	...	...	...	...	5/2/1931
Escape from Fire in Factories and Workshops	...	...	...	...	...	14/1/1932
Public Baths	...	...	...	...	...	7/1/1931
Slaughterhouses	...	...	...	...	...	26/9/1933
Houses Let in Lodgings	...	...	...	...	...	26/9/1933
Tents, Vans and Sheds	...	...	...	...	...	1933
Employment of Children (Children's Act, 1933)	...	...	...	...	...	1/3/1935
Street Trading (Children's Act, 1933)	...	...	...	...	...	1/10/1935

INFECTIOUS AND OTHER DISEASES.

Diseases specially prevalent in 1939—Scarlet Fever. State months—June, October and November.

Any diseases specially added to notifiable list?—Measles and Whooping Cough.

Any influences threatening the health of the district?—None.

SANITARY STAFF.

What is the present Annual Salary of the M.O.H.?—£630 6s 6d.

Name of Sanitary Inspector.	Annual Salary as Inspector.	Other appointments held.	Salary for such other appointments.
F. J. R Batten ...	£320	Diseases of Animals, Cleansing	Included in Annual Salary.
H. N. Roberts ...	£264	—	do.
F. G. Sugden ...	£276	—	—
W. A. Beere ...	£252	—	—

Any assistants?—One whole-time Assistant Medical Officer.

Is staff sufficient?—Yes.

Does M.O.H. receive copies of Memos. and Circulars distributed by Ministry of Health?—Yes.

SPECIAL REPORTS AND INVESTIGATIONS ON ANY SUBJECTS.

(Please attach copy) —None.

SUPPLEMENTARY REMARKS as to Sanitary requirements of District suggestions of M.O.H., and extended notes on any of the foregoing entries.

Any suggestion as to need for County Clinics or Dispensaries, or as to existing Clinics or Dispensaries.

